

## SUPPLEMENTAL APPLICATION EXAMINATION

# AIR POLLUTION SPECIALIST AIR RESOURCES ENGINEER QUESTIONNAIRE

(Revised February 2008)

## **CANDIDATE'S NAME**

## ▶▶▶▶ DO NOT REMOVE THIS COVER SHEET FROM BOOKLET ◀◀◀◀

If you were dismissed and do not have permission from the State Personnel Board to take this examination, **STOP HERE!!** 

**RULE 211:** Provides that a dismissed State employee may only participate in State civil service examinations if she/he has obtained prior consent from the State Personnel Board.

▶▶▶▶ DO NOT FOLD OR STAPLE THIS APPLICATION ◀◀◀◀◀

#### SUPPLEMENTAL APPLICATION QUESTIONNAIRE INFORMATION

The California Air Resources Board's (ARB) **Air Pollution Specialist and Air Resources Engineer** examinations are being given on an open continuous basis. Both examinations will consist solely of a Self-Assessment Supplemental Application Questionnaire.

This questionnaire is designed to elicit a range of specific information regarding each candidate's knowledge, abilities, experience, education, training, and potential to effectively perform the duties relative to the classification(s). Candidates are responsible for reading all of the material provided prior to completing the questionnaire. Competitors <u>MUST</u> complete the appropriate section(s) applicable to the examination(s) for which he/she is testing. (NOTE: Failure to meet the entrance requirements and/or complete this questionnaire accurately will result in elimination from this examination.)

Competitors that misrepresent his/her knowledge, skills, and abilities or experience (i.e., subject to verification), will result in adverse consequences which could include the following:

- removal from the exam process;
- (2) removal from the certification list;
- (3) loss of state employment; and/or,
- (4) loss of the right to compete in any future examinations.

In order to compete in the next administration of the exam your completed questionnaire must be returned by the 20<sup>th</sup> day of that specific month. If received after that date, it will roll over into the following month's administration. The questionnaire may be hand delivered or mailed to:

#### **AIR RESOURCES BOARD**

Personnel/Examination Section 1001 "I" Street/P.O. Box 2815 20th Floor, Room 34 Sacramento, CA 95812

Attn: Shelly Chinn

**Important**: Candidates are responsible for providing adequate postage.

If successful in the examination(s), your name will be placed on the eligibility list(s) for a period of 12 months. Names of all successful competitors are merged into the existing list in order of final scores, regardless of examination date. During this period, you may apply for openings and be considered for employment opportunities with ARB. Your rated supplemental application questionnaire will be made available to hiring supervisors for review.

If you have any questions regarding the Air Pollution Specialist and/or the Air Resources Engineer examinations, please contact Shelly Chinn via email at <a href="mailto:schinn@arb.ca.gov">schinn@arb.ca.gov</a> or call (916) 324-7196. To find out more about the ARB, connect to our Web Site at <a href="mailto:http://www.arb.ca.gov">http://www.arb.ca.gov</a>.

Thank you for your interest in ARB and good luck!!

### IMPORTANT INFORMATION FOR CANDIDATES

#### PLEASE ADHERE TO THE FOLLOWING:

• It is important to fill out the entire application in a clear and concise manner. The Supplemental Application Examination must be printed and completed by hand using blue or black ink only.

**FOR EXAMPLE:** Proper Marks

When responding to specific educational questions concerning "units" be sure that "quarter units" are converted to "semester units".

#### FOR EXAMPLE:

One quarter unit is equal to two-thirds (2/3) times a semester unit.

(e.g., 45 quarter units X 2/3 = 90/3, which equals 30 semester units.)

When evaluating work experience (paid and/or voluntary), all part-time experience must be converted to full-time equivalency.

#### FOR EXAMPLE:

Employment for six months on a half-time basis equals three months of full-time employment (e.g., full-time employment is defined as 40 hours per week).

- The questionnaire should not be folded when mailing. (Candidates are responsible for providing adequate postage.)
- The questionnaire must be returned by the 20<sup>th</sup> day of the month in order to compete in the current administration of the exam otherwise it will roll over into the following month's administration.

#### **INSTRUCTIONS:**

- Candidates competing in the Air Pollution Specialist examination will be required to complete pages 1 through 14.
- Candidates competing in both the Air Pollution Specialist & the Air Resources Engineer examinations will be required to complete pages 1 through 15.
- Registered Engineers competing in both the *Air Pollution Specialist & the Air Resources Engineer* examinations will be required to complete pages 1 through 16.

FACSIMILES (FAXES) WILL NOT BE ACCEPTED UNDER ANY CIRCUMSTANCE!

STATE OF CALIFORNIA — STATE PERSONNEL BOARD

# EXAMINATION AND/OR EMPLOYMENT APPLICATION

Applications will be processed ONLY for classifications where an examination is in progress and the published final filing date has not passed, or for vacant positions where a department requests an application.

STD. 678 (REV. 12/2006) Page 1

#### PRINT OR TYPE — PLEASE SEE INSTRUCTIONS ON BACK PAGE

APPLICANT'S NAM	E (Last)							(First)					(M.I.)			SOCIAL	SECURIT	Y NUMB	ER	
MAILING ADDRES	S (Numb	per)	(Str	reet)					E-MAIL AD	DRESS						WORK T	ELEPHON	NE NUME	BER	
(City)							(	(County	)		(State)	(2	Zip Code)	1		НОМЕ Т	ELEPHON	NE NUME	BER	
EXAMINATION(S)	OR JO	B TITLE	(S) FOF	RWHIC	H YOU	ARE AP	PLYING													PERSONNEL USE ONLY
FOR SPOT EXAMI	NATION	S ENTE	D THE	LOCAT	ION WE	IERE VO	III WISH	TO WC	IRK											
ANSWER THE		-								11 only if	the exami	nation i	ndicate	s thev	are requir	ed.)				
Enter the examinati	county	y in wh	ich yc	u wo	uld like	to tak	e the		-											
2. Do you ne	ed rea	asonat	ole aco	comm	odatio	n to ta	ke an i	ntervi	ew or wri	tten test	?						$\Box$	YES	□ №	
3. Do your re																			□NO	
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<ol> <li>Have you performar dismissals need not a</li> </ol>	ce or or ter	for dis rminati	ciplina ions h	ary rea	asons? een ov	(Appl erturn	icants ed, wit	who h hdraw	ave beer n [unilate	rejecte erally or	d during a as part of	proba a settle	tionary ement a	perio agree	d, or who ment] or r	se evoked		YES	∐ NO	
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b.													-							
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9. Do you p License#	osses	s a va	alid Ca	aliforn	ia Driv	er Lic	ense?	(If "Y	ES", fill	in the ir	nformation	belov	v.)				_		□ NO	
10. Have you																		YES	П №	
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12. EXPLANA			TANT	- PL	EASE	REAL	) BEF(	ORE S	SIGNING	– If not	signed, t	his ap	plicatio	on ma	ay be reje	ected.				
I certify und that any fal	ler per se, ind lifornia	nalty or comple a. I aut	f perju ete, or thorize	iry tha incoince the o	nt the in rrect s employ	nforma tatema /ers ai	ntion I h ents ma nd edu	nave e ay res cation	entered o	n this ap disqua	plication l lification f	s true rom the	and col	mplet ninatio	e to the b	est of i	smissal	from	employi	er understand ment with the re concerning
APPLICANT'S SIGI	NATURE																DATE SIG	SNED		
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																-	STAFF		DATE	PROCESSED

# EXAMINATION AND/OR EMPLOYMENT APPLICATION

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APPLICANT'S NAME (Last)	)		(First)			(M.I.)	SOCIAL	L SECURITY NUMBER	
3. EDUCATION	M IIIOU DOUGO	0 /5 1/07 5	O VOLLBOOGESS :	OED OD EO! ''' ' ' ' ' ' '		ENOT ENTED THE	IIOUEOT OBASE	VOLL COMPLETED	
YES	NO		O YOU POSSESS A	NO NO	NI? II	F NOT, ENTER THE H	HIGHEST GRADE	YOU COMPLETED	
UNIVERSITY OR COL	LEGE—NAME ANI RESPONDENCE, T		COURSE	OF STUDY	UNITS CO	MPLETED	DIPLOM	IA, DEGREE OR	DATE
SER	VICE SCHOOL	NADE ON	COOKS		SEMESTER	QUARTER	CERTIFIC	CATE OBTAINED	COMPLETED
14									
4. LIST BELOW VAL CALLED FOR IN T								OFESSIONAL ASSOC examination announcer	
			DATE ADMITTED	EXPIRATION					
LICENSE/CERT	FIFICATION NUM	MBER	TO THE BAR	DATE	IN THE			C COURSE REQUIREME FOR THIS EXAMINATIO	
					1				
15. EMPLOYMENT I		gin with yo							
FROM (M/D/Y)	TO (M/D/Y)		TITLE/JOB CLASS	IFICATION (Include F	Range or Level, if ap	plicable)			
HOURS PER WEEK	TOTAL MODIFE	-D 0/ . /M .!! .)	COMPANY/CTATE	ACENICY NAME				CLIDEDVICOD	
100RS PER WEEK	TOTAL WORKE	ED (Years/Months)	COMPANY/STATE	AGENCY NAME				SUPERVISOR	
SALARY EARNED			ADDRESS						
			ABBILLOG						
OUTIES PERFORMED	PER								
REASON FOR LEAVING									
ROM (M/D/Y)	TO (M/D/Y)		TITLE/JOB CLASS	IFICATION (Include F	Range or Level, if ap	plicable)			
HOURS PER WEEK	TOTAL WORKE	ED (Years/Months)	COMPANY/STATE	AGENCY NAME				SUPERVISOR	
SALARY EARNED			ADDRESS						
\$	PER								
DUTIES PERFORMED									
REASON FOR LEAVING									

STATE OF CALIFORNIA — STATE PERSONNEL BOARD

# EXAMINATION AND/OR EMPLOYMENT APPLICATION

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APPLICANT'S NAME (Last)		(First)	(M.I.)	SOCIAL SECURITY NUMBER
15. EMPLOYMENT HI	STORY (Continued)			
FROM (M/D/Y)	TO (M/D/Y)	TITLE/JOB CLASSIFICATION (Include Range	or Level, if applicable)	
HOURS PER WEEK	TOTAL WORKED (Years/Months)	COMPANY/STATE AGENCY NAME		SUPERVISOR
SALARY EARNED		ADDRESS		
\$	PER			
DUTIES PERFORMED				
REASON FOR LEAVING				
FROM (M/D/Y)	TO (M/D/Y)	TITLE/JOB CLASSIFICATION (Include Range	or Level, if applicable)	
HOURS PER WEEK	TOTAL WORKED (Years/Months)	COMPANY/STATE AGENCY NAME		SUPERVISOR
HOOKS FER WEEK	TOTAL WORKED (Teals/Worldis)	COMPANT/STATE AGENCY NAME		SUPERVISOR
SALARY EARNED		ADDRESS		I
\$	PER			
DUTIES PERFORMED				
REASON FOR LEAVING				
FROM (M/D/Y)	TO (M/D/Y)	TITLE/JOB CLASSIFICATION (Include Range	or Loyal, if applicable)	
TROW (WILDIT)	10 (1012) 1)	TITLE JOB GLASSII TOATION (Include Nange	ог Level, II арріїсавіе)	
HOURS PER WEEK	TOTAL WORKED (Years/Months)	COMPANY/STATE AGENCY NAME		SUPERVISOR
SALARY EARNED		ADDRESS		
\$	PER			
DUTIES PERFORMED				
REASON FOR LEAVING				

STATE OF CALIFORNIA — STATE PERSONNEL BOARD

# EXAMINATION AND/OR EMPLOYMENT APPLICATION

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APPLICANT'S NAME (Last)		(First)	(M.I.)	SOCIAL SECURITY NUMBER
15. EMPLOYMENT HIS	STORY (Continued)		1	
FROM (M/D/Y)	TO (M/D/Y)	TITLE/JOB CLASSIFICATION (Include Range	e or Level, if applicable)	
HOURS PER WEEK	TOTAL WORKED (Years/Months)	COMPANY/STATE AGENCY NAME		SUPERVISOR
SALARY EARNED		ADDRESS		
\$	PER			
DUTIES PERFORMED				
REASON FOR LEAVING				
FROM (M/D/Y)	TO (M/D/Y)	TITLE/JOB OF ACCIDINATION # 1 1 5	and and if and in the	
FROM (M/D/Y)	10 (M/D/Y)	TITLE/JOB CLASSIFICATION (Include Range	e or Levei, if applicable)	
HOURS PER WEEK	TOTAL WORKED (Years/Months)	COMPANY/STATE AGENCY NAME		SUPERVISOR
SALARY EARNED		ADDRESS		
\$	PER			
DUTIES PERFORMED				
REASON FOR LEAVING				
FROM (M/D/Y)	TO (M/D/Y)	TITLE/JOB CLASSIFICATION (Include Range	e or Level, if applicable)	
HOURS PER WEEK	TOTAL WORKED (Years/Months)	COMPANY/STATE AGENCY NAME		SUPERVISOR
SALARY EARNED		ADDRESS		
	PER			
DUTIES PERFORMED				
REASON FOR LEAVING				

## **EQUAL EMPLOYMENT OPPORTUNITY**

(For Examination Use Only)

**APPLICANT:** To assist the State of California in its commitment to Equal Employment Opportunity, applicants are asked to voluntarily provide the following information. This questionnaire will be separated from the application prior to the examination and will not be used in any employment decision. Government Code Section 19705 authorizes the State to retain this information for research and statistical purposes.

I.	SOCIAL SECURITY NUI	MBER:				
II.	GENDER:	☐ MALE	FEMALE			
III.	AGE:	(1) Under 21	(3) 21-39	(6) 40 <b>-</b> 69	[] (7) 70 and Over	
IV.	ETHNIC CATEGORY: P	lease fill in the circle th	nat best describ	es your race/eth	nicity.	
<b>(7)</b>	AMERICAN INDIAN OR ALASKA			e tribal peoples of No n or community recog	orth America, and who maintain cultural gnition.	
<u>(2)</u>	<b>ASIAN</b> -Persons having origins in a Japan, and Korea.	any of the original peoples of	f the Far East, Sout	heast Asia, or the In-	dian Subcontinent. This includes China,	
□ (1)	BLACK-Persons having origins in	any of the black racial groups	s of Africa.			
(8)	FILIPINO-Persons having origins in	n any of the original peoples	of the Philippine Isl	ands.		
<b>(4)</b>	HISPANIC-Persons of Mexican, Pu	uerto Rican, Cuban, Central o	or South American,	or other Spanish cu	lture or origin, regardless of race.	
<b>(6)</b>	(6) PACIFIC ISLANDERS-Persons having origins in the Pacific Islands, such as Samoa.					
<b>(5)</b>	WHITE-Persons having origins in a	ny of the original peoples of	Europe, North Afric	ca, or the Middle Eas	t.	
(3)	OTHER (Specify)					
☐ (Y)		aking, breathing, performing	manual tasks, see	ing, hearing, learning	medical condition that limits one or more g, caring for oneself or working; (2) has a ment or medical condition.	
□ ми	LITARY-A military veteran; a widow	or widower of a veteran; or	a spouse of a 1009	% disabled veteran.		
	DID YOU LEARN OF THE NEER EXAMINATION?	AIR RESOURCES BO	OARD AIR POL	LUTION SPECIA	ALIST/AIR RESOURCES	
☐ CA	REER FAIR SCHOOL		☐ INT		Board ( <u>www.arb.ca.gov</u> )	
☐ PR	INTED PUBLICATION TITLE		<ul><li>☐ Monster.com</li><li>☐ MonsterTrak.com</li><li>☐ State Personnel Board Website (<u>www.spb</u></li></ul>			
□ wo	ORD OF MOUTH		□ от	HER		
Addit	tional Comments:					

THANK YOU FOR COMPLETING THIS QUESTIONNAIRE

## **EXAMINATION/EMPLOYMENT INFORMATION**

If you are successful in this examination, your name will be placed on an active employment list and certified to fill vacancies according to the conditions you specify on this form. Please notify the Air Resources Board promptly of any change in your address or availability for employment.

NAME:		SSN #:					
EXAM TITLE:	☐ Air Pollution Specialist	☐ Air Resources Engineer	☐ Both				
PLEASE FILL IN	I THE TYPE OF APPOINTMENT YOU WILL ACCEP	Т:					
Permanent or Temporary [(A) Full-Time, Part-Time and/or Intermittent]							
Permanent [(D) Full-Time Only]							
I AM AVAILABLE FOR EMPLOYMENT ON:							
PLEASE FILL IN LOCATION(S) IN WHICH YOU ARE WILLING TO WORK:							
☐ Sacramento	☐ El Monte (Los Angeles County)	☐ Both (Sacramento and El Mont	e)				
VETERAN STAT	TUS (Fill in if applicable) Non-Veterar	N Veteran Dis	sabled Veteran				
HAVE YOU RECEIVED VERIFICATION OF YOUR ELIGIBILITY FOR VETERAN PREFERENCE POINTS FROM THE DEPARTMENT OF VETERANS AFFAIRS OR THE STATE PERSONNEL BOARD? Yes No							
CHANGE OF AD	DDRESS						
IF YOUR ADDRE	SS WILL BE CHANGING IN A FEW MONTHS, PLEAS	E INDICATE YOUR NEW ADDRESS:					
Address:		Home Phone #:					
City:	State: Apt #: Z	ip Code: Work Phone # _					
	STATEMENT OF UNDERSTAN	IDING FOR CANDIDATES					
Government Code Section 19680 through 19682 requires that all State civil service examinations be confidential and impartial. As a participant, I hereby certify that I will maintain the confidentiality of this examination and that all the statements I make in this application are true. I understand that my responses are subject to verification at any time; and, if I misrepresent myself (knowledge, skills, abilities, and experience), this is cause for any applicable adverse consequences (e.g., removal from the exam process; removal from the certification list; loss of state employment; and/or, loss of the right to compete in future examinations).							
questionnaire pac application questi	I understand that I am fully responsible for reading/comprehending all information and instructions provided in this supplemental application questionnaire package (i.e., which consist of an exam announcement, the Standard State Application Form Std. 678, and the supplemental application questionnaire examination). Further, I understand that if this questionnaire is not completed correctly, it will not be processed and therefore will result in an automatic disqualification from this examination process.						
Please complete	the following items after you have read the standard	ds stated above.					
CANDIDATE'S S	IGNATURE	DATE					

## MINIMUM EDUCATION/EXPERIENCE REQUIREMENTS

l.	INDICATE DEGREE(S) OB	TAINED FROM AN ACCREDITED COLLEG	E/UNIVERSITY:	
	Bachelor's Degree	Major:		
	<ul> <li>Completed</li> </ul>	<b>Graduation Date:</b>		
	In Progress	Anticipated Graduation Date:		
	Master's Degree	Major:		Flag U1
	<ul> <li>Completed</li> </ul>	Graduation Date:		
	In Progress	Anticipated Graduation Date:		
	Doctorate Degree	Major:		Flag U0
	<ul> <li>Completed</li> </ul>	Graduation Date:		
	<ul> <li>In Progress</li> </ul>	Anticipated Graduation Date:		For Official Use Only
	Engineer-in-Training Certi Two Years as an Air Reso	· ·	Date Obtained:  through:	
LIS	T ANY ADDITIONAL DEGRE	EES		
Ma	jor	Ma	ijor	
II.	PLEASE IDENTIFY THE NA	AME AND LOCATION OF COLLEGE(S)/UN	IVERSITIES YOU ATTENDED:	
	Bachelor's Degree was ob	tained at	City	State
	Master's Degree was obtai	ned at	City	State
	Doctorate Degree was obta	ained at	City	State

## SPECIFIC RELATED EDUCATION/EXPERIENCE INFORMATION

III. IDENTIFY Y	OUR MAJOR(S) OBTAINED	(AS NOTED ON DIP	LOMA):			
Flag UA	☐ Automotive Technology			Fermentation Science		
	Agriculture Science			Food Service/Nutrition		
	☐ Anatomy			Forensic Science		Flag UV
	Aquatic Biology			Forest Management		Ü
	Astronomy			Geography (Physical)		
Flag UB	Atmospheric Science			Geology		
Flag UC	Biology			Genetics		
•	Botany			Health Risk Assessment	t	Flag UW
Flag FX	☐ Chemistry			Health Science and Safe	ety	•
Flag F8	Computer Science			Hydrology		
	☐ Dairy Husbandry			Industrial Toxicology		Flag UX
	☐ Earth Science			Industrial Hygiene		
Flag UD	☐ Ecology (Ecosystem)			Mathematics		Flag UY
Flag UE	☐ Ecology & Systematic Biol	ogy		Medicine		
	☐ Economics			Meteorology		Flag UZ
Flag WI	☐ Engineering (Chemical)			Metallurgy		
Flag WF	☐ Engineering (Civil)			Microbiology		Flag FW
Flag UL	☐ Engineering (Computer)			Natural Resources		Flag VA
Flag WO	☐ Engineering (Electrical)			Physics		Flag VB
Flag UM	Engineering (Electronics)			Physiology		Flag VD
Flag WG	Engineering (Environment	al)		Plant Physiology		Flag E1
Flag WK	Engineering (Mechanical)			Policy and Natural Reso	urces	Flag VE
Flag VG	Engineering (Sanitary)			Soil Science		
Flag VH	Engineering Technology		· <del></del>	Statistics		Flag VF
	Engineering (Other)			Textile Science		
Flag FY	Entomology			Toxicology		Flag JA
Flag UF	Environmental Biology		⊢'	Wildlife Zoology		
Flag UG	Environmental Chemistry				-	
Flag UH	Environmental Health		닏			
Flag UI	Environmental Policy Anal	ysis & Planning				
Flag UJ	Environmental Science					
Flag UK	Environmental Studies		Ш			
Flag UU	☐ Environmental Toxicology			For Official	Use Only	
For Official Use Only						
IV. HAVE COM	IPLETED COURSES AND/OF	R HAVE WORK EXPE	RIENCE I	N:		
Flag U2	Public Speaking	☐ Yes ☐ No	Statistics	s	☐ Yes ☐ No	Flag US
Flag UQ	Word Processing	 ☐ Yes ☐ No	Enginee		☐ Yes ☐ No	Flag U8
Flag U3	Technical Writing	☐ Yes ☐ No	Leaders	•	☐ Yes ☐ No	Flag UR
	<u>-</u>	☐ Yes ☐ No		•	☐ Yes ☐ No	_
Flag UP	Database Design		=	Management		Flag UT
Flag U6	Petroleum Refining	☐ Yes ☐ No	Atmosph	neric Processes	☐ Yes ☐ No	Flag U7
For Official Use Only						For Official Use Only

V. IDENTIFY CO	MPLETED COURSES AND	OR LENGTH OF WORK EXPE	RIENCE:	
Preparing written re	eports.			Flag U3
Education:	Rarely	Occasionally	Regularly	
Experience:	Rarely	Occasionally	Regularly	
Giving oral present	ations.			Flag U2
Education:	Rarely	Occasionally	Regularly	
Experience:	Rarely	☐ Occasionally	Regularly	
Using a computer f	or any of the following: e-r	mail; internet; database; graph	ics; WP or spreadsheets.	Flag VL
Education:	□ None	1 course	2 or more courses	
Experience:	☐ None	☐ 6 Months	☐ More than 6 months	
In data review and	analysis (e.g., data collecti	on, data reporting, statistics).		Flag X3
Education:	■ None	1 course	2 or more courses	
Experience:	☐ None	☐ 6 Months	☐ More than 6 months	
In environmental re	elated fields.			Flag U7
Education:	■ None	1 course	2 or more courses	
Experience:	☐ None	☐ 6 Months	☐ More than 6 months	For Official Use Only
VI. IDENTIFY THI	E NUMBER OF SEMESTER	UNITS YOU HAVE COMPLET	ED:	
(NOTE: Refer	to information regarding cor	nversion of semester units on pag	ge iii.)	
<b>National Environme</b>	ental Policy Act [NEPA], Co	ode of Federal Regulations [CI	ulations (e.g., Federal Clean Air Act, FR], California Clean Air Act, s [CCR], or local air pollution district	Flag X2
Zero units	1-6 units	7 or more units	Other training	
	motive technology which he laws and regulations go		on cycle engines, their emissions	Flag U9
Zero units	1-6 units	7 or more units	Other training	
That relates to the	California Air Toxic Progra	m and/or California Motor Veh	icle Control Program.	Flag X2
Zero units	1-6 units	7 or more units	Other training	
pollution, chemical		cs of air pollutants, and their	nent of mobile or stationary source impact on health and the	Flag X1
Zero units	1-6 units	7 or more units	Other training	► For Official Use Only

List Course(s):	None	1 course	2 or more courses
		rses; University Extension co	ing, or similar areas which you have ourses; or, instrument training).
	E LENGTH OF WORK EXPERI istry laboratory performing p Less than 1 year		☐ More than 5 years
Developing methods  None Please describe:	of chemical analysis.	☐ 1-5 years	☐ More than 5 years

Collecting stack ga	is samples.			Flag X1
None	Less than 1 year	1-5 years		
Please describe:				
•				<del></del>
				<del>_</del>
				_
Develoning sampli	ng or monitoring methods (e.g., writi	ng standard operating pro	ncedures)	Flag X1
None	Less than 1 year	1-5 years	More than 5 years	riag XI
<u> </u>	Less than 1 year	i-5 years	☐ More than 5 years	
Please describe:				<u>—</u>
				<del></del>
				_
				<u> </u>
Analyzing environr	nental data.			Flag X3
None	Less than 1 year	1-5 years		
Please describe:				
				<u>—</u>
Decigning conduc	ting or evaluating data quality contr	al and quality accurance	orograms or activities	— Elag V2
None	ting, or evaluating data quality contr			Flag X3
<del></del>	Less than 1 year	1-5 years	☐ More than 5 years	
Please describe:				
				<u>—</u>
				_
Performing extensi				<del></del>
	ve fieldwork involving overnight trav	rel.		— Flag
☐ None	ive fieldwork involving overnight trav	<b>rel.</b> ☐ 1-5 years	☐ More than 5 years	Flag
<del></del>			☐ More than 5 years	Flag
None Please describe:			☐ More than 5 years	Flag
<del></del>			☐ More than 5 years	Flag
<del></del>			☐ More than 5 years	Flag 
<del></del>			☐ More than 5 years	Flag 
<del></del>			☐ More than 5 years	Flag
Please describe:	Less than 1 year	☐ 1-5 years		- - -
Please describe:	Less than 1 year	☐ 1-5 years	e.	Flag Flag VJ
Please describe:  In laboratory data r  None	Less than 1 year	☐ 1-5 years		- - -
Please describe:	Less than 1 year	☐ 1-5 years	e.	- - -
Please describe:  In laboratory data r  None	Less than 1 year	☐ 1-5 years	e.	- - -
Please describe:  In laboratory data r  None	Less than 1 year	☐ 1-5 years	e.	- - -
Please describe:  In laboratory data r  None	Less than 1 year	☐ 1-5 years	e.	- - -
Please describe:	Less than 1 year	☐ 1-5 years	e.	- - -

As a lead chemist	or analyst.			Flag UR
None	Less than 1 year	1-5 years	☐ More than 5 years	
Please describe:				
				_
_				_
_				
				<u></u>
Writing technical r	eports, scientific papers, or presenta	itions.		Flag U3
☐ None	Less than 1 year	1-5 years	☐ More than 5 years	J
Please describe:	_ ,	_ ,		
r icuse describe.				<u> </u>
				<u> </u>
				<u>—</u>
In statistical analys	sis of data (e.g., techniques applied,	data set size, type of soft	ware used).	Flag US
☐ None	Less than 1 year	☐ 1-5 years	More than 5 years	
Please describe:				
i lease describe.				_
_				
In chromatography	γ (e.g., type of instrument/method, sa	imnles analyses workloa	d)	— Flag X1
None	Less than 1 year	1-5 years	☐ More than 5 years	I lay XI
<del></del>	Less than 1 year	☐ 1-5 years	iviole than 5 years	
Please describe:				
				<u></u>
				<del></del>
				— Flan V4
In spectroscopy.	□ I # 4	<b>—</b> 4.5	Mana Hara Surana	Flag X1
None	Less than 1 year	1-5 years	☐ More than 5 years	
Please describe:				
				<u></u>
				<del></del>
				<u> </u>
· •	hemical analyses (e.g., gravimetric o			Flag X1
None	Less than 1 year	1-5 years	☐ More than 5 years	
Please describe:				<u></u>
				<del></del>
				— For Official Use Only

With an air pollution control district or air quality management district.				Flag
Experience:	☐ None	Less than 1 year	1-5 years	
Please describe:				<u>-</u>
				_
_				_
				=
As a Student Assistar	nt/Intern/Volunteer with t	he Air Resources Board performing	air pollution control duties.	- Flag
As a Student Assistar Experience:	nt/Intern/Volunteer with the	he Air Resources Board performing  Less than 1 year	air pollution control duties.	- Flag
			-	Flag
Experience:			-	- Flag -
Experience:			-	- Flag - -
Experience:			-	Flag



PLEASE REVIEW YOUR RESPONSES THOROUGHLY BEFORE YOU PROCEED.



READ THE INSTRUCTIONS CAREFULLY BEFORE YOU ANSWER THE FOLLOWING QUESTIONS REGARDING YOUR WORK EXPERIENCE (PAID AND/OR VOLUNTARY).



COMPLETION OF THE FOLLOWING QUESTIONS IS MANDATORY. YOUR RESPONSES WILL BE MADE AVAILABLE TO HIRING SUPERVISORS/MANAGERS.

## **WORK EXPERIENCE**

## PLEASE INDICATE THE LENGTH OF YOUR EXPERIENCE IN THE FOLLOWING AREAS:

1.	Air quality modeling.			Flag U7
	None	Less than 1 year	☐ More than 1 year	
2.	Air pollution planning.			Flag X2
	None	Less than 1 year	☐ More than 1 year	
3.	Air quality research.			Flag U7
	None	Less than 1 year	☐ More than 1 year	
4.	Calibration and mainte	nance of emissions or electron	nic test equipment.	Flag X1
	None	Less than 1 year	☐ More than 1 year	
5.	Enforcement of environ	nmental laws and regulations.		Flag X2
	None	Less than 1 year	☐ More than 1 year	
6.	Enforcement of mobile	and/or stationary source pollu	ution control regulations.	Flag X2
	None	Less than 1 year	☐ More than 1 year	
7.	Measurement of atmos	pheric conditions.		Flag X1
	None	Less than 1 year	☐ More than 1 year	
8.	Measurement of mobile	e and/or stationary sources.		Flag X1
	None	Less than 1 year	☐ More than 1 year	
9.	Preparation or edit of to	echnical reports.		Flag U3
	None	Less than 1 year	☐ More than 1 year	
10.	Preparation and review	of environmental impact repo	rts/studies.	Flag U3
	None	Less than 1 year	☐ More than 1 year	
11.	Preparation, review and	d promulgation of environment	tal laws or regulations.	Flag X2
	None	Less than 1 year	☐ More than 1 year	
12.	Review, analyze and co	omment on environmental legis	slation.	Flag X2
	None	Less than 1 year	☐ More than 1 year	
13.	Design mobile or station	onary source emission control	system.	Flag U8
	None	Less than 1 year	☐ More than 1 year	
14.	Design of an air-monito	oring instrument.		Flag U8
	None	Less than 1 year	☐ More than 1 year	
15.	Design of a sampling s	ystem for vehicle exhaust.		Flag U8
	None	Less than 1 year	☐ More than 1 year	
16.	Design of an ambient a	ir-monitoring site that meets s	tate and federal requirements.	Flag U8
	None	Less than 1 year	☐ More than 1 year	
17.	Review of environment environmental impact r	• •	tudies, traffic studies, negative declarations,	Flag X2
	None	Less than 1 year	☐ More than 1 year	
				► For Official Use Only

## **WORK EXPERIENCE (Cont.)**

18.	Assessed new technolog	gy such as on-board diagnostics for	r motor vehicles.	Flag U9
	None	Less than 1 year	☐ More than 1 year	
19.	Operating a mobile air m	onitoring station.		Flag X1
	None	Less than 1 year	☐ More than 1 year	
20.	Read and interpreted ele	ctronic schematics.		Flag U8
	None	Less than 1 year	☐ More than 1 year	
21.	Calculated the amount o	f particulate matter emissions from	an air pollution source.	Flag X3
	None	Less than 1 year	☐ More than 1 year	
22.	Calculated the concentra	ation of a specific hydrocarbon usin	g gas chromatography.	Flag X1
	None	Less than 1 year	☐ More than 1 year	
23.	Used statistical methods	to determine the relationship of mu	ultiple data sets.	Flag US
	None	Less than 1 year	☐ More than 1 year	
24.	Designed, constructed of	r serviced an air pollution analyzer.		Flag U8
	None	Less than 1 year	☐ More than 1 year	
25.	Collected data to determ	ine the origin and destination of a s	pecific air pollutant.	Flag U7
	None	Less than 1 year	☐ More than 1 year	
26.	Analyzed the effects of a	congested roadway on air quality.		Flag X3
	None	Less than 1 year	☐ More than 1 year	
27.	Analyzed the effect of tra	affic operations on vehicle emission	concentrations.	Flag X3
	None	Less than 1 year	☐ More than 1 year	
28.	Designed an emissions	control system using absorption, co	ondensation or incineration.	Flag U8
	None	Less than 1 year	☐ More than 1 year	
29.	Used a particle-sized cas	scade impactor.		Flag X1
	None	Less than 1 year	☐ More than 1 year	
30.	Analyzed the efficiency of	of cyclones or inertial separators.		Flag U8
	None	Less than 1 year	☐ More than 1 year	
31.	Analyzed or developed s	solutions for a specific air quality pr	oblem.	Flag X2
	None	Less than 1 year	☐ More than 1 year	
32.	Worked with computer n	nodels (e.g., traffic forecasting, air q	uality, emissions, cost analysis).	Flag VJ
	None	Less than 1 year	☐ More than 1 year	
33.	Developed charts or gra	phs to depict numerical data.		Flag VK
	None	Less than 1 year	☐ More than 1 year	
34.	Used stack sampling equ	uipment.		Flag X1
	None	Less than 1 year	☐ More than 1 year	
35	Performed visual emissi	ons evaluations.		Flag X1
	None	Less than 1 year	☐ More than 1 year	
36.	Calculated and explained per million or other.	d the conversion of ambient air con	centrations from grams per cubic foot to parts	Flag X3
	None	Less than 1 year	☐ More than 1 year	<u> </u>

# **WORK EXPERIENCE (Cont.)**

37.	Diagnosed and/or repaired air monitoring or pollution test/control equipment.	Flag X1
	☐ None ☐ Less than 1 year ☐ More than 1 year	
38.	Prepared a project requiring knowledge of pollution transport.	Flag U7
	☐ None ☐ Less than 1 year ☐ More than 1 year	
39.	Evaluated the air quality effect(s) of disposal or treatment of hazardous waste, municipal solid waste, or wastewater.	Flag X2
	☐ None ☐ Less than 1 year ☐ More than 1 year	
40.	Performed Air Resources Technician II responsibilities at the Air Resources Board.	Flag
	☐ None ☐ Less than 1 year ☐ More than 1 year	
	STUDENT ASSISTANT/INTERN/VOLUNTEER WORK EXPERIENCE	
PLE/	ASE INDICATE YOUR EXPERIENCE AS A:	
41.	Student Assistant/Intern with the Air Resources Board.	Flag
	None ☐ Less than 1 year ☐ More than 1 year	
42.	Student Assistant/Intern with an air pollution control district or air quality management district.	Flag
	☐ None ☐ Less than 1 year ☐ More than 1 year	
43.	Student Assistant/Intern with other state agencies.	Flag
	☐ None ☐ Less than 1 year ☐ More than 1 year	
44.	Student Assistant/Intern with a city, county or the federal government.	Flag
	☐ None ☐ Less than 1 year ☐ More than 1 year	
<b>45</b> .	Student Assistant/Intern with a non-profit organization.	Flag
	☐ None ☐ Less than 1 year ☐ More than 1 year	
46.	Student Assistant/Intern with industry.	Flag
	None □ Less than 1 year □ More than 1 year	
47.	Volunteer with the Air Resources Board.	Flag
	□ None □ Less than 1 year □ More than 1 year	
48.	Volunteer with an air pollution control district or air quality management district.	Flag
	□ None □ Less than 1 year □ More than 1 year	
	COMPUTER SKILLS	
PLE	ASE INDICATE YOUR EXPERIENCE WITH:	
49.	A personal computer.	Flag
	☐ None ☐ Less than 1 year ☐ More than 1 year	• •
50.	Spreadsheet software (Excel®, Lotus®, Quatro Pro® or others).	Flag VL
	☐ None ☐ Less than 1 year ☐ More than 1 year	-
51.	Database software (dBASE®, FoxPro®, Access®, or others).	Flag VJ
	☐ None ☐ Less than 1 year ☐ More than 1 year	J
	•	

## **COMPUTER SKILLS (Cont.)**

## PLEASE INDICATE THE LENGTH OF YOUR EXPERIENCE WITH:

<b>52</b> .	Communications software	e (ProComm® or others).		Flag VI
	None	Less than 1 year	☐ More than 1 year	
53	Word processing software	e (MS Word®, WordPerfrect®, or oth	ners).	Flag VM
	None	Less than 1 year	☐ More than 1 year	
54.	<b>Graphics software (Harva</b>	rd Graphics®, Power Point®, or oth	ers).	Flag VK
	None	Less than 1 year	☐ More than 1 year	
<b>55</b> .	Project Management Soft	ware (MS Project®, PRIMAVERA®, 0	Quicknet®, or others).	Flag UT
	None	Less than 1 year	☐ More than 1 year	
		COMMUNICA	TION SKILLS	
PLE	ASE INDICATE YOUR EXF	PERIENCE IN THE FOLLOWING AF	REAS:	
56.	Prepared Presentations.			Flag U2
	None	Less than 1 year	☐ More than 1 year	
<b>57</b> .	Given a presentation abou	ut a project in which you were invol	ved.	Flag U2
	None	Less than 1 year	☐ More than 1 year	
58.	Explained and/or interpre	ted complex information (e.g., proc	edures, theories, or policies).	Flag U2
	None	Less than 1 year	☐ More than 1 year	
59.	Led and/or facilitated a gr	oup/team project.		Flag UR
	None	Less than 1 year	☐ More than 1 year	
60.	Prepared written instructi	ons, manuals, and/or complex proc	edures.	Flag VN
	None	Less than 1 year	☐ More than 1 year	
61.	Collected data from a pub	olic utility or other public agency in	the design of a project.	Flag
	None	Less than 1 year	☐ More than 1 year	
62.		ce capacity where the duties involv thers, either in person and/or by tel	ed responding to various questions and/or ephone.	Flag UR
	None	Less than 1 year	☐ More than 1 year	
63.	Proofread and/or edited w	ritten reports.		Flag U3
	None	Less than 1 year	☐ More than 1 year	
64.	Participated in an organiz	ation that promotes speaking skills	(e.g., Toastmasters®, etc).	Flag U2
	None	Less than 1 year	☐ More than 1 year	
65.	Recognized (by performal writing skills and/or other		her written communication, etc.) for research	Flag U3
	Yes	□No		
66.	Written and published an	article or paper in a peer-reviewed	technical or scientific journal.	Flag U3
	Yes	□No		
				_

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## PROJECT/LEADERSHIP SKILLS

## INDICATE YOUR EXPERIENCE IN THE FOLLOWING AREAS:

67.	Called upon to make deci	isions in supervisor's absence.		Flag UR
	Yes	□ No		
68.	Completed a major long-t	term project on or ahead of time.		Flag UT
	Yes	□ No		
69.	Completed multiple assignment	nments on time.		Flag UT
	Yes	□ No		
70.	Participated in the planni	ng of a multi-day conference.		Flag UT
	Yes	□ No		
71.	Completed various project	cts independently.		Flag UT
	None	Less than 1 year	☐ More than 1 year	
72.	Devised an alternative pla assigned project in a time		current workload in order to complete an	Flag UT
	None	Less than 1 year	☐ More than 1 year	
73.	Managed a project with a	rigid budget.		Flag UT
	None	Less than 1 year	☐ More than 1 year	
74.	Dealt with changing or co	onflicting customer demands.		Flag UR
	None	Less than 1 year	☐ More than 1 year	
<b>75</b> .	Responded to public office	cials requesting specific and/or sen	sitive confidential information.	Flag UR
	None	Less than 1 year	☐ More than 1 year	
76.	Developed written specifi	ications.		Flag VN
	None	Less than 1 year	☐ More than 1 year	
77.	Prepared contract docum	nents.		Flag VN
	None	Less than 1 year	☐ More than 1 year	
78.	Performed contract admi	nistration that involved monitoring	contract compliance.	Flag UT
	None	Less than 1 year	☐ More than 1 year	
79.	Performed contract admi	nistration that involved formulating	requests for proposals.	Flag UT
	None	Less than 1 year	☐ More than 1 year	
80.	Performed contract admi	nistration that involved evaluating o	contractor performance.	Flag UT
	None	Less than 1 year	☐ More than 1 year	
81.	Managed a project where	accounting for time was necessary	<i>1</i> .	Flag UT
	None	Less than 1 year	☐ More than 1 year	
82.	Supervised/led the work	of others.		Flag UR
	None	Less than 1 year	☐ More than 1 year	
83.		nission, or committee that made dec ernment, social club, etc.).	cisions on behalf of a group, (e.g., homeowners	Flag UR
	None	Less than 1 year	☐ More than 1 year	
84.	Planned, prioritized and/o	or scheduled the work of a group (e	.g., volunteer, school group or athletic team).	Flag UR
	None	Less than 1 year	☐ More than 1 year	
85.	Primary responsibility for	r identifying or assessing quality of	products or services to meet customer needs.	Flag UR
	None	Less than 1 year	☐ More than 1 year	•
				_



## PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE YOU PROCEED!



THIS CONCLUDES THE <u>AIR POLLUTION SPECIALIST</u> PORTION OF THE SUPPLEMENTAL APPLICATION EXAMINATION.

- ✓ PLEASE RETURN THE COMPLETED SUPPLEMENTAL APPLICATION IN A 9 X 12 ENVELOPE. (REMEMBER TO PROVIDE ADEQUATE POSTAGE)
- ✓ RESULTS WILL BE MAILED IN APPROXIMATELY 4-6 WEEKS FROM THE DATE YOU SUBMIT YOUR
  COMPLETED EXAMINATION MATERIALS.



CANDIDATES ALSO COMPETING IN THE <u>AIR RESOURCES ENGINEER</u> EXAMINATION MUST PROCEED TO PAGE 15.

NOTE: REGISTERED ENGINEERS MUST ALSO COMPLETE PAGE 16

### FOR AIR RESOURCES ENGINEER COMPETITORS

#### PLEASE INDICATE THE LENGTH OF YOUR EXPERIENCE I THE FOLLOWING AREAS:

86.	. Applied automotive engineering principles to test and evaluate the effectiveness of mobile source emissions controls.			Flag U8
	None	Less than 1 year	☐ More than 1 year	
87.	Determined the road load	horsepower of a vehicle using an e	established method.	Flag U8
	None	Less than 1 year	☐ More than 1 year	
88.	Designed a landfill gas co	ollection system.		Flag U8
	None	Less than 1 year	☐ More than 1 year	
89.	Designed a new technolo	gy such as electronic continuous e	mission monitoring system.	Flag U8
	None	Less than 1 year	☐ More than 1 year	
90.	Designed a system that n	nonitors and manages vehicle emis	sions data.	Flag U8
	None	Less than 1 year	☐ More than 1 year	
91.	Analyzed and/or propose	d solutions to control elevated air p	ollution levels.	Flag U8
	None	Less than 1 year	☐ More than 1 year	
92.	Designed a baghouse to	control fine particulates in a gas str	ream.	Flag U8
	None	Less than 1 year	☐ More than 1 year	
93.	Evaluated the results of a	n emissions test using Federal Tes	t Procedures.	Flag U8
	None	Less than 1 year	☐ More than 1 year	
94.	Determined the required	dynamometer loading to test a spec	cific vehicle.	Flag U8
	None	Less than 1 year	☐ More than 1 year	
95.	Prepared or edited engine	eering reports.		Flag U3
	None	Less than 1 year	☐ More than 1 year	
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## PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE YOU PROCEED!



THIS CONCLUDES THE AIR RESOURCES ENGINEER SUPPLEMENTAL APPLICATION EXAMINATION.

- ✓ RETURN THE COMPETED SUPPLEMENTAL APPLICATION IN A 9 X 12 ENVELOPE. (REMEMBER TO PROVIDE ADEQUATE POSTAGE)
- ✓ RESULTS WILL BE MAILED IN APPROXIMATELY 4-6 WEEKS FROM THE DATE YOU SUBMIT YOUR
  COMPLETED EXAMINATION MATERIALS.



CANDIDATES WHO ARE REGISTERED AS PROFESSIONAL ENGINEERS MUST PROCEED TO PAGE 16.

## FOR REGISTERED ENGINEERS ONLY

96.	Registered as a Pro	fessional Engineer with the Califor	nia Board of Registration for Professional Engineers.	Flag UN
	License #			
	☐ Completed	☐ Pending		
97.	Registered as a Pro outside of California License #		nia Board of Registration for Professional Engineers State:	Flag
	Completed	Pending		
INDIC	CATE THE LENGTH O	F YOUR EXPERIENCE AS A REGIS	TERED ENGINEER IN THE FOLLOWING AREAS:	
00	Cianad plan abouta	for huilding docion plans		Flag U8
98.	None	for building design plans.  Within last 5 years	☐ More than 5 years ago	Flay 06
99.	_	·	I More than 5 years ago	Flag U8
33.	Signed other engine  None	Within last 5 years	☐ More than 5 years ago	1 lag 00
100.	Served as an expert	•	Involve than 5 years ago	Flag U2
100.	None	Within last 5 years	☐ More than 5 years ago	1 lag 02
101.	Designed air quality		inoro than o youro ago	Flag UT
101.	None None	Within last 5 years	☐ More than 5 years ago	riag or
102.	Developed air qualit		india than a youra ago	Flag UT
102.	☐ None	Within last 5 years	☐ More than 5 years ago	i lag o i
103.	Developed health st	•	more than a years age	Flag UT
100.	None	☐ Within last 5 years	☐ More than 5 years ago	
104.	Developed testing p	•		Flag X1
	☐ None	☐ Within last 5 years	☐ More than 5 years ago	3
105.	Conducted statistic	•	_ , ;	Flag US
	None	☐ Within last 5 years	☐ More than 5 years ago	· ·
106.	Applied computer a		_ , ,	Flag X3
	None	☐ Within last 5 years	☐ More than 5 years ago	•
107/	Analyzed data sets.	•		Flag X3
	None	☐ Within last 5 years	☐ More than 5 years ago	_
108.	Designed air polluti	on monitoring and/or control equip	·	Flag U8
	☐ None	☐ Within last 5 years	☐ More than 5 years ago	_
		•		For Official Use Only
				22 000 01119



## THIS CONCLUDES THE SUPPLEMENTAL APPLICATION EXAMINATION PROCESS!



RETURN THE COMPETED SUPPLEMENTAL APPLICATION IN A 9 X 12 ENVELOPE. (REMEMBER TO PROVIDE ADEQUATE POSTAGE)

RESULTS WILL BE MAILED IN APPROXIMATELY 4-6 WEEKS FROM THE DATE YOU SUBMIT THE QUESTIONNAIRE.